

SONY BRAVIA

LCD Digital Color TV

KDL-52Z5100
KDL-46Z5100
KDL-40Z5100

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Sony Customer Support

U.S.A.: www.sony.com/tvsupport
Canada: www.sony.ca/support

United States: 1.800.222.SONY
Canada: 1.877.899.SONY
Please Do Not Return the Product to the Store

Thank you for choosing Sony! Your new BRAVIA® TV opens the door to the “Full HDTV Experience.” This guide will help you get the most out of your TV.

Please take a moment to register your TV at:
U.S.A.: <http://productregistration.sony.com>
Canada: <http://www.SonyStyle.ca/registration>

Four Steps to a Full HD Experience

Set, Source, Sound, and Setup.



Set

Now that you have made the best selection in LCD TV technology, be sure to remove all accessory contents from the packaging before setting up your TV.



Source

To experience the stunning detail of your BRAVIA TV, you need access to HD programming.

- Upgrade your signal or content source to high-definition (HD) by contacting your HD service provider.
- Receive over-the-air HD broadcasts with an HD-quality antenna connected directly to the back of your TV. Visit www.antennaweb.org for more information on antenna selection and setup.
- Discover the wealth of entertainment now available on super-high resolution Blu-ray Disc™ player and other Sony HD equipment.



The BRAVIA® Full HDTV Experience



Sound

Complete the high-definition experience with a BRAVIA Sync™ surround sound system or A/V receiver from Sony.



Setup

Install your TV and connect your sources. See the reverse side of this guide for sample connection diagrams. The following chart shows the high-definition (HD) and standard-definition (SD) video formats supported by your BRAVIA TV inputs.

	INPUT	VIDEO	AUDIO	SUPPORTED FORMATS						
				1080i/24p	1080p	1080i	720p	480p	480i	PC*
HD	HDMI 1 HDMI 2 HDMI 3 HDMI 4		When HDMI is connected to DVI with an adapter, a separate Audio L/R is necessary.	✓	✓	✓	✓	✓	✓	✓
	COMPONENT 1 COMPONENT 2		Audio L/R		✓	✓	✓	✓	✓	
SD	VIDEO 2	S VIDEO connection	Audio L/R						✓	
	VIDEO 1	Composite video connection	Audio L/R						✓	
	VIDEO 2	Composite video connection	Audio L/R						✓	

* For supported PC formats see the Operating Instructions.

To help assure the highest quality for your HD experience, use Sony HDMI (High-Definition Multimedia Interface) cables.

To learn more about HDTV, visit:

U.S.A.: <http://www.sony.com/HDTV>
Canada: <http://www.SonyStyle.ca/hd>

Getting Started

Initial Setup

Before you begin, make sure that your cables are connected. Connect an RF cable to the CABLE/ANTENNA input. To use the networking features of your BRAVIA HDTV, connect an Ethernet LAN cable to the LAN input. Both inputs are located on the back of your TV.

The first time you turn on your TV, the **Initial Setup** wizard will appear and guide you through the **Initial Setup** of your TV.

- 1 Select your preferred language.
- 2 Set your viewing environment to **Home** or **Retail**.
- 3 Set the region.
- 4 Set the current date and time.
- 5 Set up the TV's tuner to search for available digital and analog channels (if using a cable or satellite box, select **Skip** to skip the **Auto Program**).
- 6 Set up the TV to work with your home network.

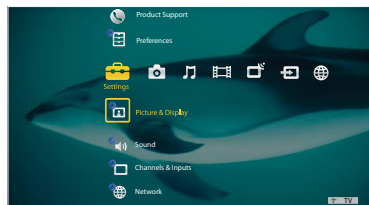
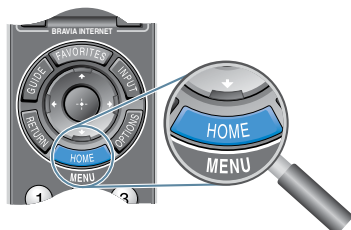
You will be guided through the following steps to optimize your TV viewing experience. Press **OK** to continue.

- Step 1: Viewing Environment
- Step 2: Region
- Step 3: Current Time
- Step 4: TV Tuner
- Step 5: Network Setup

TV Home Menu: XMB™ (XrossMediaBar)

The XMB™ is an easy way to access the TV settings and fun features.

- Press **HOME** to display the XMB™, use the **↑/↓/←/→** buttons to navigate and highlight an icon, then press **○** to select.



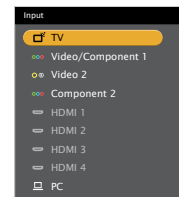
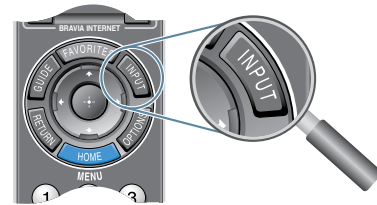
Watching Your BRAVIA TV

Select Your Content

Whether you are watching cable, satellite or broadcast TV; playing a VCR, DVD or Blu-ray Disc™ player; connecting to your PC; or accessing media files, you will need to properly connect your TV to access content.

Select the Correct Input for Connected Equipment

Press **INPUT** repeatedly until your selection is highlighted on the screen. Refer to the Operating Instructions for details on labeling inputs.

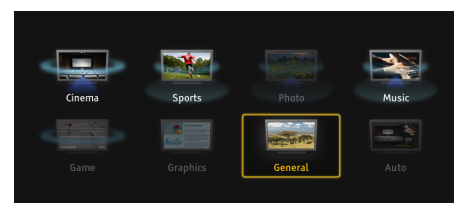
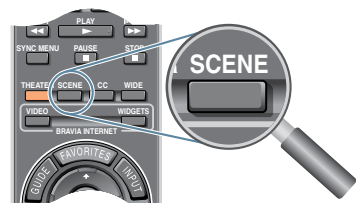


Select photos, music, video, and Widgets from the XMB™.

Set up your home network to gain access to a variety of Internet content and Widgets. Connect to a DLNA Certified™ media server or Sony USB equipment to access photo, music, or video files.

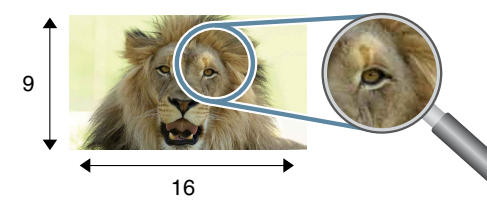
Adjust Picture and Sound Quality

- The **Scene Select** feature allows you to select from an array of content media categories that will automatically set the picture and sound settings best suited for the content you are viewing. Press **SCENE** to display the feature. Use the **↑/↓/←/→** buttons to navigate to your selection and press **○**.

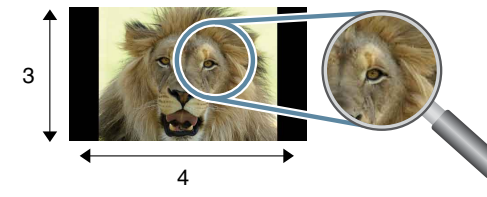


Screen Shape and Aspect Ratio

High-definition and standard-definition signals are transmitted with different aspect ratios (the width-to-height ratio of the image).

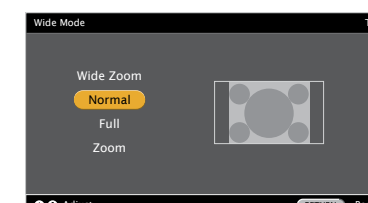
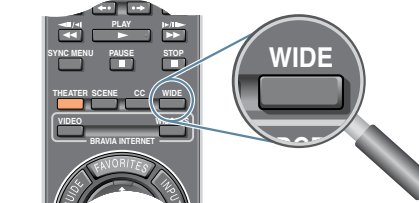


The 16:9 aspect ratio (common to most HD signals) will fill the TV screen.



The 4:3 aspect ratio (common to most SD signals) may not look as clear as a 16:9 HD signal and may need adjustment to fill the TV screen.

- Press **WIDE** to display the **Wide Mode** setting of your preference.



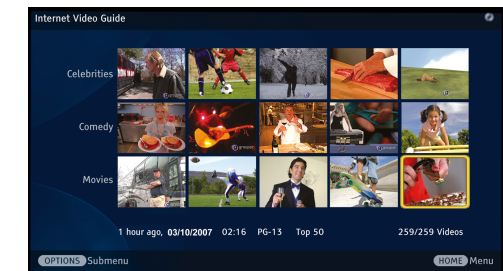
Learn more about your TV.

- Read the Operating Instructions
- Visit the online Reference Book at: <http://www.sony.com/referencebook>

Features

Enjoy some of the fun and entertaining features your BRAVIA TV is capable of delivering.

BRAVIA Internet Video



View and access a variety of on-demand entertainment streamed from the Internet via your broadband connection (at least 2.5 Mbps recommended).

BRAVIA Internet Widgets



Get quick access to real-time news, entertainment and interactivity with the push of a button via your broadband connection (at least 2.5 Mbps recommended).

Networked File Access



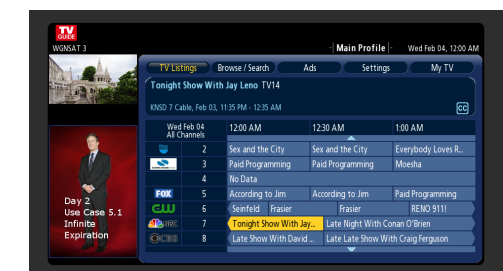
Share your photos, music, and video files from your DLNA Certified™ equipment.

Favorites



Easily access your favorite channels, inputs, TV Widgets, photos, music, and video.

TV Guide On Screen®



A customized program guide allows you to search for programs faster and easier. The Guide collects* and lists TV programming information via cable service (without a cable box) or over-the-air antenna.

ECO-BRAVIA TV



This TV includes a number of features such as **Power Saving**, **Light Sensor**, and **Idle TV Standby**.



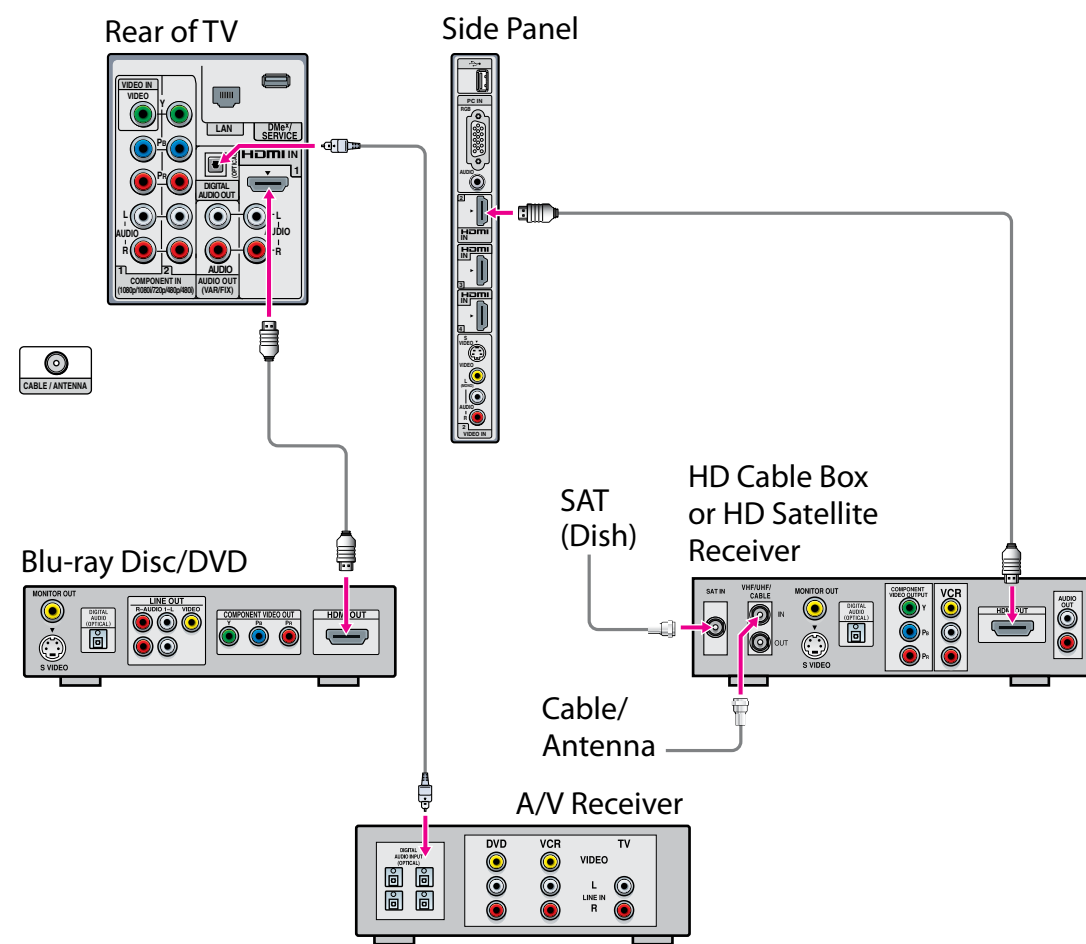
Mixed Sources

Product group from well-managed forests, controlled sources and recycled wood or fiber
www.fsc.org Cert no. SCS-COC-001395
© 1996 Forest Stewardship Council

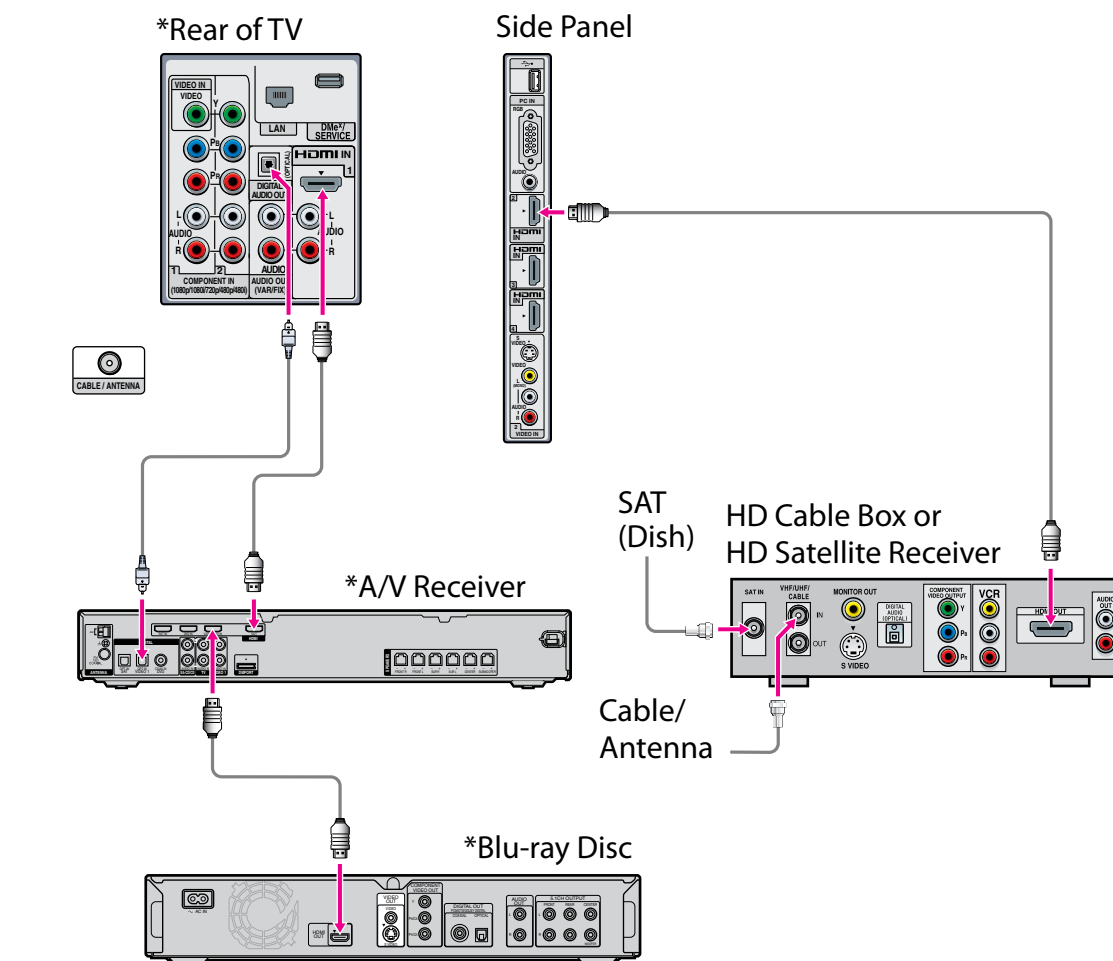


*Enabling the TV Guide On Screen feature will increase the amount of time the TV is in Download Acquisition Mode (DAM), see "Specifications" in the Operating Instructions.

HD Basic Connection with A/V Receiver

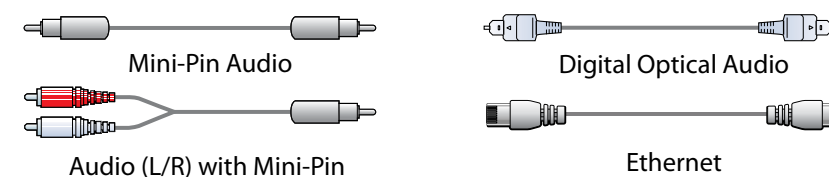
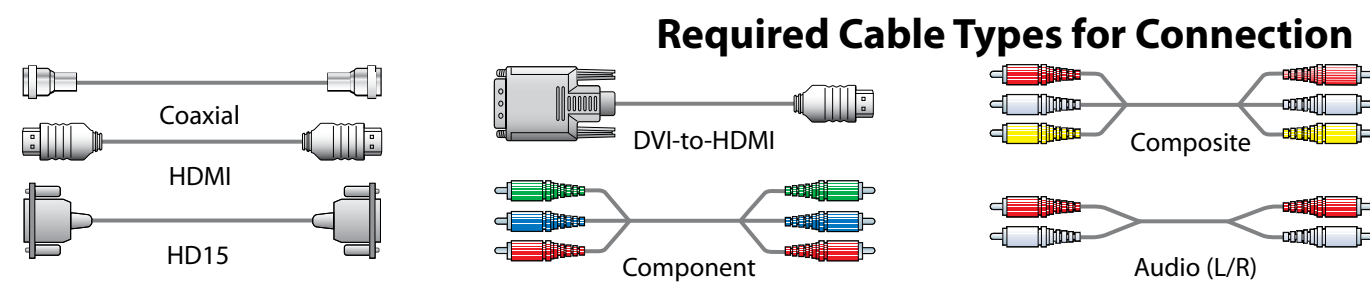
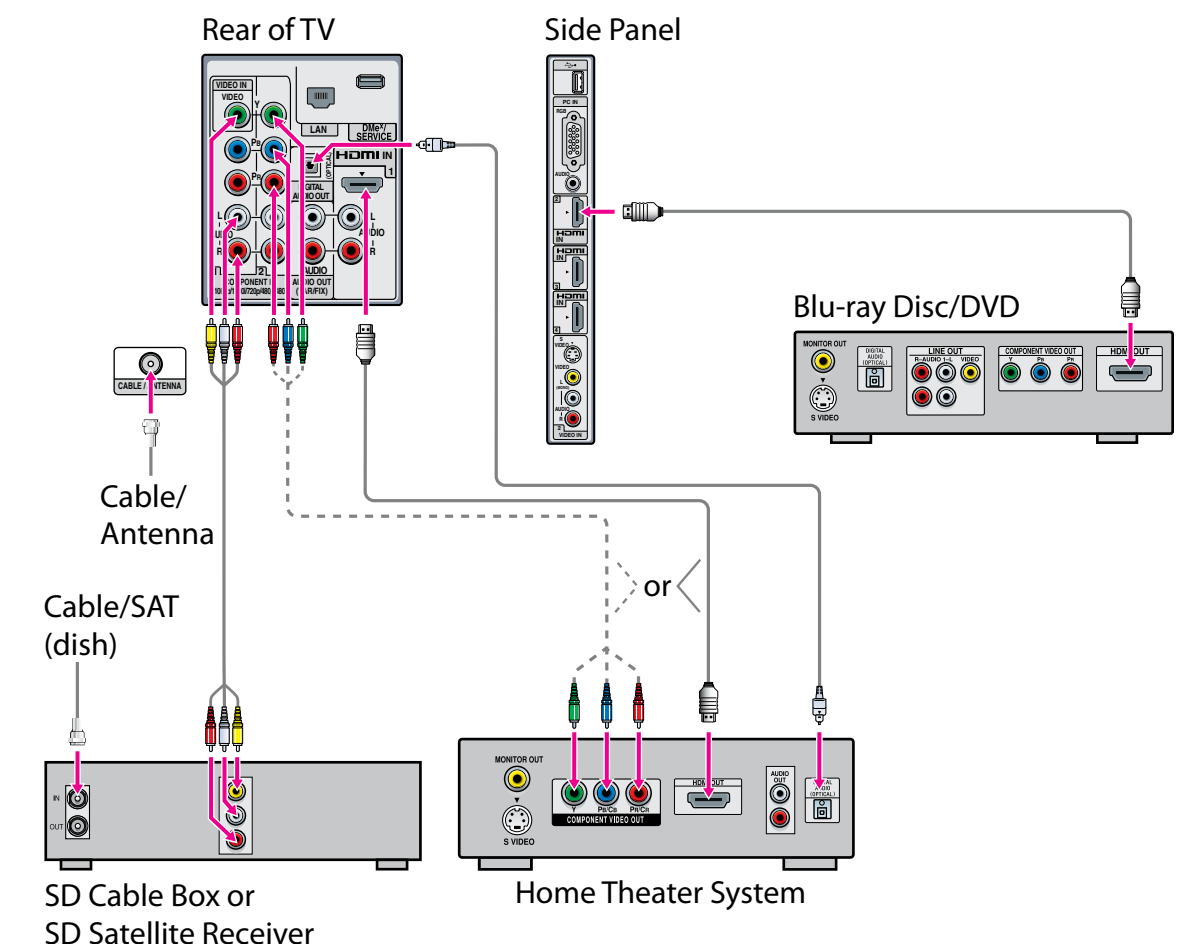


HD BRAVIA® Sync™ Basic Connection



* Signifies a BRAVIA Sync capable device.

HD Basic Connection with Home Theater System



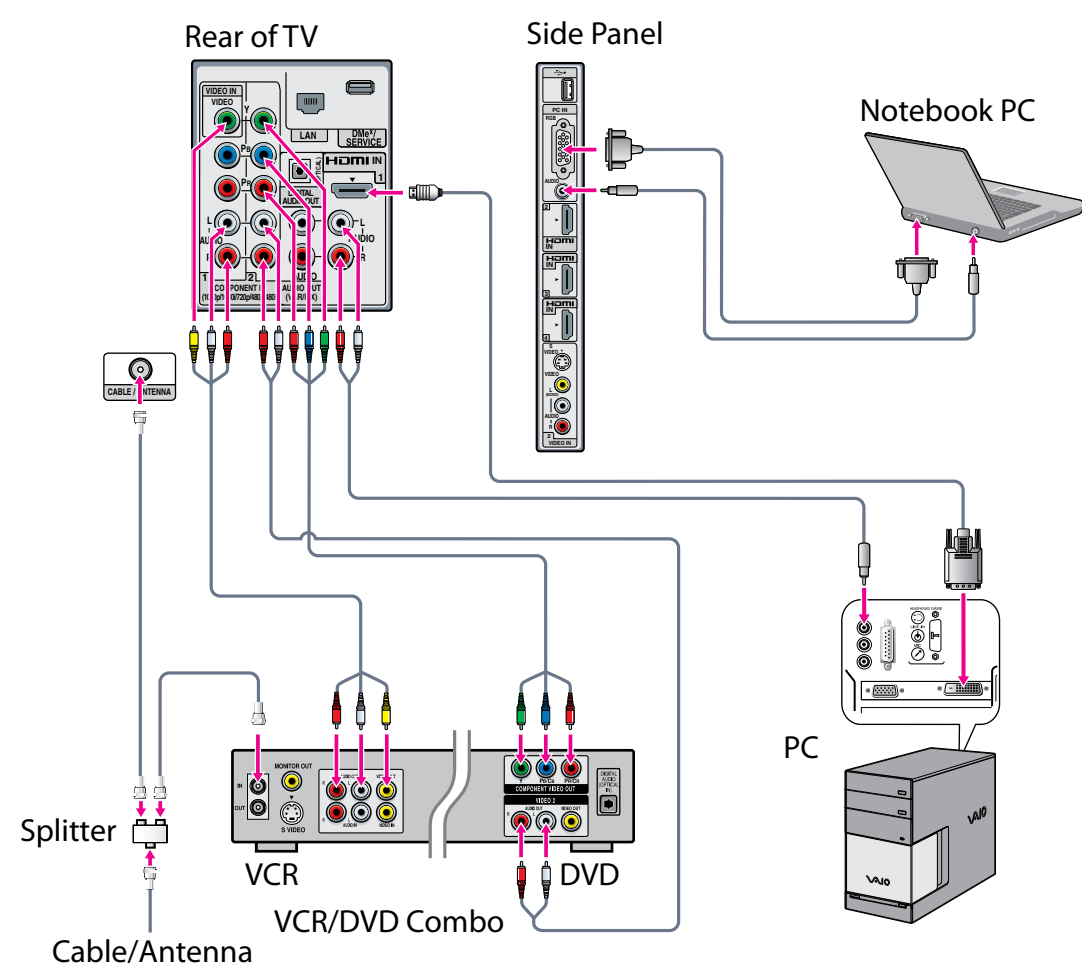
Notes on Connection

- Connect your incoming signal source (HD Cable Box, HD Satellite Receiver, or DVD) with HDMI or component video for the best possible picture quality.
- If your connecting equipment has DVI output instead of the HDMI output, you must use a DVI-to-HDMI cable for the video and also connect an audio cable for the sound. If this is the case, connect the cable to HDMI IN 1 (input) of your TV.

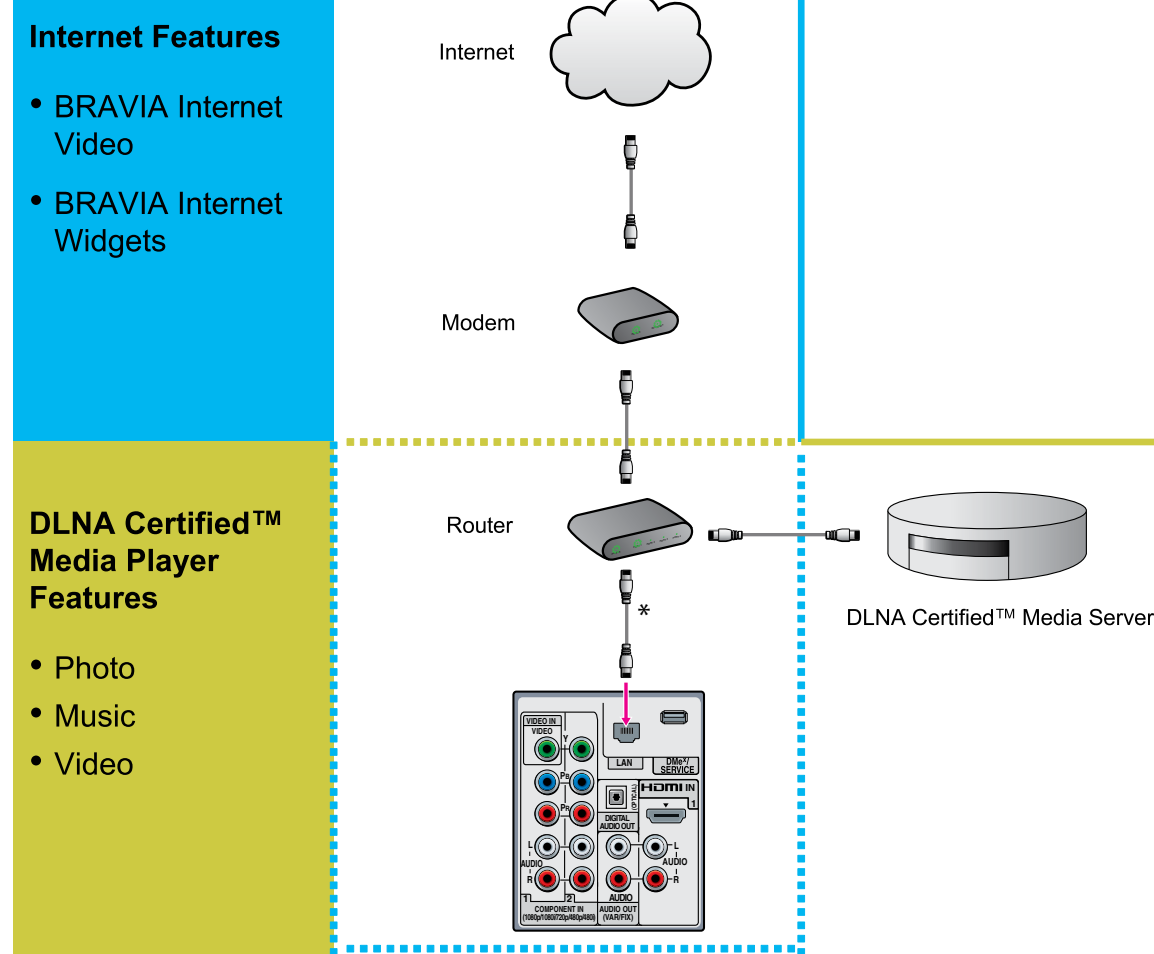
Connecting a PC to Your BRAVIA TV

- Connect PC's audio output when using an HD15 connection.
- Press PC's FUNCTION Key + Select Output to transmit to TV.
- When using an HD15 connection, adjust TV's **Pitch** and **Phase** to correct sharpness.
- Refer to your Operating Instructions.

PC Connection with SD VCR/DVD



Basic Network Connection



* For a sample wireless bridge connection diagram see the Operating Instructions or the online Reference Book.

Programming the Remote Control

Your remote control can be programmed to use other equipment and is pre-programmed to operate the following Sony equipment.

Function Button	Sony Equipment	Code Number
DVD	DVD Player	31033
AMP	Receiver	52172
STB	Digital Satellite	01639

Programming Other Equipment

Follow the steps below to program your TV remote control.

- Look for the code in the Manufacturer's Code List (see the Operating Instructions) that corresponds to the equipment you would like to operate with the Sony remote control. If more than one code is provided, try programming the first code listed. If your equipment's code is not listed, visit <http://esupport.sony.com/remotecodes> for a more comprehensive list.
- Press and hold **[DVD]**, **[AMP]** or **[STB]** simultaneously with the **[INPUT]** button and release. When in the programming mode, the **FUNCTION** button blinks for approximately 30 seconds until a code is entered.
- Enter the five digit code using **[0]** – **[9]** while the **FUNCTION** button is lit. If the code is not entered within 30 seconds, you must repeat step 2.
- Press **[+]** or **[ENT]** to confirm the code. If successfully programmed, the **FUNCTION** button will blink twice, if not, it blinks five times.

To Confirm the Programming

If you can turn your equipment on and off using the green **POWER** button, the programming is complete. If not, try the next code listed.

Note:

- In some cases, you may not be able to program your remote control. If this is the case, use your equipment's remote control.
- Any of the **FUNCTION** buttons can be programmed to operate other equipment regardless of the labeling. For example, if programmed with the correct code, a Blu-ray Disc player can be operated with the **[DVD]** button. This is useful if your equipment does not match any of the labeled buttons.

